

Date: Tue, 25 May 93 15:10:09 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #640
To: Info-Hams

Info-Hams Digest Tue, 25 May 93 Volume 93 : Issue 640

Today's Topics:

 An interesting New-Ham story
 Copyright Violation
 G5RV
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 New call sign? (2 msgs)
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 Radio Shack 70cm HT?
 REAL Mods for the HTX-202
 Source for 400-500MHz finals found
 VHF/UHF antennas
 Want 2M/70CM antenna ideas for Caravan
 Want 5MHZ 100W Transceivers for use in Philippines

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 25 May 93 12:07:27 CDT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!uchinews!raistlin!
timbuk.cray.com!hemlock.cray.com!cherry10!dadams@network.UCSD.EDU
Subject: An interesting New-Ham story
To: info-hams@ucsd.edu

In article AA07427@ucsd.edu, 4311@cpf.navy.mil (CDR Fred W. Brunson) writes:
|
|Rajiv, I appreciate your friends modesty but he would serve the

|Amateur community more by allowing the press to write the story
|up and distribute it as another success story of Amateur Radio
|providing a vital lifesaving service in the pinch. In any case,
|thanks for sharing it with us.

|
|Fred, WH6ME, 4311@CPF.NAVY.MIL

On the other hand, I can't see why it can't be shared anonymously.
They could even do it up on "911" without naming the persons involved.

--David C. Adams Statistician Cray Research Inc. dadams@cray.com
-Sourdough and Ham- NOWWN

Old Sourdoughs never die! They just ferment away.
Old Hams never die. They are all on DXpedition.
Old Cowboys never die. They just smell that way!

Date: Tue, 25 May 93 18:52:40 GMT
From: usc!wupost!csus.edu!netcom.com!netcomsv!orchard.la.locus.com!
prodnet.la.locus.com!lando.la.locus.com!dana@network.UCSD.EDU
Subject: Copyright Violation
To: info-hams@ucsd.edu

In article <738312539snx@skyld.tele.com> jangus@skyld.tele.com (Jeffrey D. Angus)
writes:

>Since everyone seems to be so hot to trot about the US Amateur Callbook,
>and whether or not they can send information around, here's the statement
>right out of the front of the book.

>

>Begin quoted material:

>

>Published by RADIO AMATEUR CALLBOOK INC., 925 Sherwood Drive, P.O. Box 247,
>Lake Bluff, Illinois 60044, USA. Telephone (708) 234-6600. Office hours:
>M-F 7:45-4:00 Central Time.

>

>The entire contents of the North American Callbook is copyrighted by Radio
>Amateur Callbook Inc. The North American Callbook is intended for the
>private non-commercial use of subscribers in sending QSL cards and any other

Well, it isn't as black and white as this would indicate. The Callbook is
a work derived from public domain data (the US Amateur Callsign Database).
The US Amateur Callsign Database may be freely copied, and incorporated
into copyrighted works. At no time can anyone assert copyright over
the US Amateur Callsign Database, though. So, it certainly is copyright

violation to copy a page out of the Callbook, but it is not a violation of copyright to make a copy of all or part of the US Amateur Callsign Database. So, if one simply sends someone else information like:

KK6JQ E Dana H. Myers 45129 Biscay St. Lancaster, CA 93535

who is to know where I got it? Did I copy it out of the Callbook (which is a copyright violation)? Did I copy it out of the Database I got from the US Govt (not a copyright violation)?

The answer is, you can't tell. People who buy the Callbook are doing so for convenience. It is very hard to prevent people from copying the data in the Callbook.

Look what Jeff sez next:

>Are these the same hams that keep claiming they need 100 foot towers with
>no building permits for "emergency" operation? Are these the same hams that
>claim that the ability to send CW with the remains of a microphone cord on
>an FM radio is the only thing saving us from total oblivion? Are these the
>same hams that will clean out the material stock room at work for "home
>advancement of technical abilities"? Are these the same hams that ruined
>portions of 20 meters while claiming that the CB'ers have ruined 2 meters?
>Or are they the rest of us. You and me. You know, just the "regular guys."

Don't ya just love it when the old farts get on the soapbox? ;-}

--

* Dana H. Myers KK6JQ | Views expressed here are *
* (310) 337-5136 | mine and do not necessarily *
* dana@locus.com DoD #466 | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 25 May 93 21:23:31 GMT
From: news-mail-gateway@ucsd.edu
Subject: G5RV
To: info-hams@ucsd.edu

>Measured at the transmitter end, the SWR will appear low because
>the reflections have been gobbled up by the loss present in coax.
>
>Ed W1AAZ

Ed, As you probably know, "G5RV" is a generic term and doesn't necessarily require coax. I take 84 ft. of open twin-lead directly

to the balanced output of my antenna tuner, AS RECOMMENDED BY G5RV HIMSELF. The G5RV has a low angle of radiation on the higher bands, field strength measurements at ground level which are better than a dipole, and four nodes instead of two. So, with the G5RV (no coax), I am putting out as much power in each of four directions as I do with a dipole in each of two directions. Oriented properly, these four directions cover most of the land area of the world. On the higher bands, the G5RV doesn't waste half of its power in high angle radiation like a dipole and doesn't need to be rotated. I have one node aimed at South America, one at Asia, one at Europe/No.Africa, and one at New Zealand. Anyone who doubts the effectiveness of the G5RV's low angle of radiation should perform his/her own field strength measurements vs a dipole.

KG7BK

Cecil_A_Moore@ccm.hf.intel.com

Date: Tue, 25 May 1993 20:08:43 GMT
From: news.cerf.net!pagesat!spssig.spss.com!feenix.metronet.com!
marcbg@network.UCSD.EDU
Subject: HAM-COM 1993 INFO
To: info-hams@ucsd.edu

HAM-COM 1993 BEGINS FRIDAY, JUNE 4 AND CONTINUES UNTIL SUNDAY, JUNE 7.

HAM-COM IS THE THIRD LARGEST AMATEUR RADIO CONVENTION IN THE USA WITH OVER 10,000 ATTENDEES ANUALLY. A HUGE INDOOR/OUTDOOR FLEA MARKET, COMMERCIAL VENDORS, CLASSES, SEMINARS, BANQUET AND MORE.

HAM-COM IS LOCATED IN ARLINGTON, TEXAS (MIDWAY BETWEEN DALLAS AND FORT WORTH). HOTELS IN ARLINGTON MAY BE FULL BUT NEIGHBORING AREAS PROBABLY HAVE ROOM. TALK IN WILL BE ON THE 147.14 REPEATER IN ARLINGTON.

--
| Marc Grant | Internet: marcbg@feenix.metronet.com
| POB 850472 | Amateur Radio Station N5MEI
| Richardson, TX 75085 | Fax: 214-231-0025 Voice: 214-231-3998

- - - ... - - .-... -... ..- - - - -... -... -... -... ..

Date: Tue, 25 May 1993 18:18:15 GMT
From: swrinde!gatech!howland.reston.ans.net!noc.near.net!squam.banyan.com!
banyan.com!dts@network.UCSD.EDU
Subject: Low SWR for the "right" reasons
To: info-hams@ucsd.edu

Kurt Sterba and Lil Paddle write a column for a magazine called World Radio. The column debunks the myths and misconceptions about antennas, gain, efficiency, etc. One example was an advertizement which claimed an antenna having 3dB gain over a dipole... where the antenna WAS a dipole... Kurt loves to make fun of these things.

The names of the authors are unknown. Kurt Sturba is a pen-name. The bottom of the column usually says something like: Kurt and Lil keep their identities secret so that they can go to their local radio club meetings and not be asked...

World Radio has published two books of the columns, both of which are recommended reading, for the humor content as much as for the antenna information.

The magazine World Radio is an inexpensive newsprint publication packed with news on goings on in the world of amateur radio. It is well worth the \$12 or so a year.

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-----
Daniel Senie                Internet:      dts@banyan.com
Banyan Systems, Inc.        Compuserve:   74176,1347
508-898-1188                Packet Radio: N1JEB@WA1PHY.MA
-----
```

Date: Tue, 25 May 1993 20:40:26 GMT
From: swrinde!gatech!news-feed-1.peachnet.edu!concert!samba!
usenet@network.UCSD.EDU
Subject: New call sign?
To: info-hams@ucsd.edu

When a person upgrades from no-code tech to general, is a new call sign issued? thanks for your information on this.

--

The opinions expressed are not necessarily those of the University of
North Carolina at Chapel Hill, the Campus Office for Information
Technology, or the Experimental Bulletin Board Service.
internet: laUNCHpad.unc.edu or 152.2.22.80

Date: 25 May 1993 21:36:44 GMT
From: swrinde!cs.utexas.edu!uwm.edu!news.bbn.com!bbn.com!levin@network.UCSD.EDU
Subject: New call sign?
To: info-hams@ucsd.edu

Reese.Edwards@launchpad.unc.edu (Reese Edwards) writes:
|When a person upgrades from no-code tech to general, is a new call sign
|issued? thanks for your information on this.

If you request one, yes; if you do not, no. It is your choice.

If you request a new one (by checking the box on the Form 610) you will be issued a new call sign appropriate to the general class, which is the same group as the tech class. If you already have a tech class call sign (i.e. you didn't previously upgrade from novice to tech and keep your novice call) you won't change your class. If you currently hold a 1x3 call (say, N4xxx), your new call could even be a 2x3 (KD4xxx) if you are in a district which has run out of 1x3 calls (currently districts 3, 4, 5, and 6, with some others about to run out).

In short you can if you want, but if you already have a tech type call sign you might as well keep it, since generals and techs share the same pool of call signs.

73 / JBL KD10N

=

Nets: levin@bbn.com |
pots: (617)873-3463 |
KD10N (@KB4N.NH.USA) |

"I gotta go."
-- I. Shoales

Date: Tue, 25 May 1993 20:03:58 GMT
From: usc!howland.reston.ans.net!torn!nott!emr1!stephens@network.UCSD.EDU
Subject: Operating from Greenland
To: info-hams@ucsd.edu

fkf1@cornell.EDU (F. Kevin Feeney) writes:

>Re: the operation from Greenland - has your friend considered taking
>satellite equipment along? The antenna are small, don't have to be
>circularly polarised, can operate low to the ground, and propagation to the
>states is reliable and scheduled! Oscar 13 provides good coverage of most
>of the northern hemisphere twice a day, and for about 4 hours around apogee
>linear antennas work well and pointing can be done manually (armstrong
>method) about every half hour or so. If I wanted reliable communication
>stateside, that's what I'd bring.

>Kevin - WB2EMS

How about packet satellite operation? Afterall polar expeditions have used packet satellites to communicate as orbiting mailboxes.

--

Dave Stephenson
Geological Survey of Canada

Ottawa, Ontario, Canada
Internet: stephens@geod.emr.ca

Om Mani Padme Hum 1-2-3

Date: Tue, 25 May 93 15:10:21 EDT
From: anomaly.sbs.com!kd1nr!system@uunet.uu.net
Subject: QSL ADDR FOR 4N5VP
To: info-hams@ucsd.edu

I'm looking for a way to QSL 4N5VP in Macedonia. All the references I have are for Yugoslavia and I can't find his call in the Int'l Callbook.

If anyone can help me with either a direct address or a QSL bureau I'd appreciate it.

Tnx & 73,

Tony

Tony Pelliccio kd1nr/ae
!!*!*!*!*!*!*!*!*
system@garlic.sbs.com

"Usenet is like a herd of performing elephants with diarrhea -- massive, difficult to redirect, awe-inspiring, entertaining, and a source of mind-boggling amounts of excrement when you least expect it." --spaf (1992)

xpect it." --spaf (1992)

Date: Tue, 25 May 1993 18:04:08 GMT
From: swrinde!cs.utexas.edu!zaphod.mps.ohio-state.edu!howland.reston.ans.net!
noc.near.net!squam.banyan.com!banyan.com!dts@network.UCSD.EDU
Subject: Radio Shack 70cm HT?
To: info-hams@ucsd.edu

In article <1993May24.160018.28228@uvm.edu>, pallack@emba-news.uvm.edu.UUCP (J'mes ,,,) writes:
|> From article <qB814B1w165w@dreaml.wariat.org>, by jga@dreaml.wariat.org (Jon Anhold):
|> > rpo@trsvax.tandy.com writes:
|> >
|> > [deleted]

|> >
|> > Well, if somebody took their test and is awaiting a ticket, I'm sure they
|> > have a CSCE laying around somewhere as proof of passing the test.
|> >
|> > If somebody wants to purchase a radio as a gift, just ask the intended
|> > receiver of the gift for a copy of liscence/csce..
|>
|> again..if it's a gift. They might not want them to know about it. How about
|> looking up there call sign in the CALL BOOK?

I guess you are not expecting any gifts... From your call sign, N1PEC, you'll
have to wait until next year's callbooks are printed before you will appear.
Really this is unrealistic, unnecessary, and counterproductive.

|>
|>
|> --
|> Internet: pallack@wsyd.com James Pallack, N1PEC
|> FidoNet: 1:325/101.0 P.O. Box 5035
|> CompuServe: 72636,2123 Burlington, VT 05402-5035
|> Data/BBS: 802-453-6074 (1200-9600 HST DS) Voice: 802-453-6073

congratulations on the new call!!!

--

Daniel Senie Internet: dts@banyan.com
Banyan Systems, Inc. Compuserve: 74176,1347
508-898-1188 Packet Radio: N1JEB@WA1PHY.MA

Date: Tue, 25 May 1993 19:10:21 GMT
From: sdd.hp.com!spool.mu.edu!news.nd.edu!artin!rnimtz@network.UCSD.EDU
Subject: REAL Mods for the HTX-202
To: info-hams@ucsd.edu

In article <1787700029@trsvax> rpo@trsvax.tandy.com writes:

>
>Well, I've gotta be fair. The first print of the manual did not
>mention being able to latch on the light (it was never spec'd to me).
>I added it as a running change as soon as I found out -- so perhaps
>he has one of the first-run manuals.
>
>(Before anyone asks...this was the only missing feature. The revised
>>manual coincided with some minor changes to the radio: changing
>the default calling frequency is the only one I recall off the top
>of my head. There is no benefit to ordering a 'new' manual.)

>

Even the revised version of the manual does not seem complete. There is no discussion of the LCD readouts. Most of the displays I was able to figure out after using the radio a few days but some are still confusing. It would be nice to have a summary of the LCD indications and what they mean. Even with the instruction book shortcomings it is a nice radio at a nice price

Rick
N9TJG

Date: 25 May 1993 13:55:23 -0700
From: swrinde!emory!nntp.msstate.edu!olivea!gossip.pyramid.com!
sword.eng.pyramid.com!andrem@network.UCSD.EDU
Subject: Source for 400-500MHz finals found
To: info-hams@ucsd.edu

A while ago I posted a question about an ATV transmitter that used a Motorola MHW710-2 as a final amp. I asked why the -2 part was used, since a MHW710-1 seemed to be the proper part according to the manufacturer's specs (the -1 part is listed for 400-440 MHz, the -2 for 440-? MHz). The only response I got to the question indicated that the reason was that the -2 is a widely available part, while the -1 is next ot impossible to get if you don't want to order them by lots of 1000.

I have located a source that carries the -1, -2, and -3 parts. The company's name is ALLTRONICS, and they're located in the northern San Jose/Milpitas CA area. Their phone number is (408)943-9773. The cost if \$60 each, and they will sell them singly. I don't know about shipping - they're close enough to me to drive to. I haven't bought anything from them (yet), so can't vouch for their service.

Anyone know if \$60 is a fair price for these parts?

```
+-----+
| Andre Molyneux   KA7WVW   "Insert your favorite disclaimer here" |
+-----+-----+
|      -===== PYRAMID TECHNOLOGY CORP |Internet:      |
|      -===== 3860 N. First Street    | andrem@pyramid.com |
|      -===== San Jose, CA           |Packet:           |
|-----===== (408) 428-8229          | ka7wvv@n0ary.#nocal.ca.usa.na |
+-----+-----+
```

Date: Tue, 25 May 1993 17:07:48 GMT
From: usc!howland.reston.ans.net!noc.near.net!das-news.harvard.edu!
cantaloupe.srv.cs.cmu.edu!news@network.UCSD.EDU
Subject: VHF/UHF antennas
To: info-hams@ucsd.edu

This is a two part question. First, I'd like to experiment with antennas in the 2m, 70cm, and 33cm bands, at moderately low power (less than 25 watts). What tools should I be looking for, in terms of power and SWR measurement and tuning? I'd like to keep things on the cheap side...

Second, I'd like to purchase a better antenna for a 2m HT. Something that collapses, like a telescoping whip, would be ideal. I'd also like the option to come off the radio at 90 degrees, maybe just using a right angle BNC adapter (any potential problems here?). Any suggestions for an antenna?

Finally (okay, three questions), MFJ seems to heavily advertise a variety of inexpensive antennas and related gear. Any opinions one way or another on their products (specifically or in general)?

Thanks! Mike Blackwell mkb@cs.cmu.edu

Date: Tue, 25 May 1993 21:08:58 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!ukma!rsg1.er.usgs.gov!
resdgs1.er.usgs.gov!tbodoh@network.UCSD.EDU
Subject: Want 2M/70CM antenna ideas for Caravan
To: info-hams@ucsd.edu

--
I am just getting started in Ham radio and have a question regarding mobile antennas. I am looking for ideas on what type of mobile dual band (2M/70CM) antenna to use on my Dodge Caravan - given that it must clear a garage door daily (with about 16" clearance). Would a 5/8 wave cowl mount be best or would a bumper/tailgate mount be good. Could anyone with a Caravan/Voyager comment on how they resolved this? I plan on using the antenna for my HT until I buy a dual band mobile rig. Most of my travel is on the plains of South Dakota and Minnesota. Thanks...

+++++
+ Tom Bodoh - Sr. systems software engineer
+
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198 (605) 594-6830 +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)
+

+ "Welcome back my friends to the show that never ends!" EL&P

+

+++++

Date: Tue, 25 May 1993 20:55:51 GMT

From: usc!zaphod.mps.ohio-state.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!
bgsuvax!att!cbnewse!dnr@network.UCSD.EDU

Subject: Want 5MHZ 100W Transceivers for use in Philippines

To: info-hams@ucsd.edu

My apologies in advance if this is the "wrong" place to post this.

I have a friend who is a pastor of a Free Methodist church in the Chicago area who is also an amateur radio operator. He has been asked by a group of Free Methodist churches in the Philippines to help them set up a communications network. They are trying to find a pair of 5MHZ transceivers (about 100W) to be a part of this network. But my friend is having a difficult time trying to find such at a reasonable price in the U.S. because this is a forbidden frequency range here. Also they are trying to get this equipment before May 30 (at least showing a bill of sale) to keep from having to start over the license application process with the Philippine government.

If you know of such, could you please call up my friend (Rev. David Cooper, KA9OZP, Evanston IL [phone 708-328-7182]). Thanks much.

Dan Levy (borrowing a friend's account for this post)

levy@ihope.ih.att.com

Date: Tue, 25 May 1993 19:28:37 GMT

From: usc!howland.reston.ans.net!gatech!emory!kd4nc!n4tii@network.UCSD.EDU

To: info-hams@ucsd.edu

References <930520.233617.8Y1.rusnews.w165w@garlic.sbs.com>,

<1993May21.170747.19744@anomaly.sbs.com>, <1tqk57\$26d@fugu.mc.com>

Subject : Re: Radio Shack 70cm HT?

levine@mc.com (Bob Levine) writes:

>In article <1993May21.170747.19744@anomaly.sbs.com>, kd1hz@anomaly.sbs.com (Rev. Michael P. Deignan) writes:

>|> system@garlic.sbs.com (Tony Pelliccio) writes:

>|>

>|> >Simple, Radio Shack is more prominent and available to people. I mean,

>|> >how far can you go without at least seeing a franchise? :)

>|>

>|> Very true. One reason why RS poses a problem is that all the CBers go there
>|> to get their latest and greatest 40 channel rig. Then, they walk in,
>|> see this "neat walkie talkie" on sale, and will go and buy it instead,
>|> regardless of whether or not they have a license.

>|>

>|> The likelihood that this will happen at an HRO or AES store is slim.

>|>

>|> MD

>|> --

> > -- Michael P. Deignan, KD1HZ	/	Since I *OWN* SBS.COM,
> > -- Domain: kd1hz@anomaly.sbs.risc.net	/	these opinions generally
> > -- UUCP: ...!uunet!anomaly!kd1hz	/	reflect those of my
> > -- Telebit: +1 401 455 0347	/	company...

>There is no requirement for any retailer to see proof of amateur license
>before selling equipment that can transmit on the amateur bands. Therefore
>the likelihood of HRO or AES et al to sell gear to anyone off the street
>is just as high as at Radio Shack. The odds are higher that the average guy
>off the street will go to RS first is only because they are more accessible.
>RS serves a good purpose and is often a reliable place to run out and pick up
>that PL259 etc that you need in a pinch. I personally don't care for the
>quality of most of their electronic equipment but bashing them for selling to
>unlicensed people is unwarranted, as it happens everywhere. The intelligent
>unlicensed person can do much better by going to Hamfests or by purchasing
>through other legitimate used outlets such as For-Sale ads etc. Would you
>insist on seeing proof of license before selling your 2m HT? I think not.

I have a question....can one go buy a car and drive it off the lot without
showing proof of a driver's license? I know I went and test drove a car a
month ago...he didn't ask whether I was a licensed driver, or insured.

(Just an analogy for those of you don't see my point)

I wish people would get off radio shack's back. I don't see anyone blaming
them for the demise of CB, even though they purport to be America's largest
CB dealer. C'mon fellas, it's not Radio Shack, Tandy Corp, or anyone's
fault that 2 meters is going down hill. It all revolves around the individual.
Is it the police's fault that some jerk broke in your house? After all, they
should have been patrolling your neighborhood, looking for burglars. No,
it is not....(well, of course, there could be an exception that some net.ass
might figure out and flame me about it...)

2 meters is hell in some places because some jerks choose to make it a hell.
There are scum everywhere that posses a flagrant disregard for the law. We
need to stop the problem...not a symptom of the problem...
Radio Shack selling 2 meter rigs = choas on 2 meters. NOT!

Get real, people.

John Reed
n4tii

n4tii%kd4nc.uucp@gatech.edu

(PS, no flames! 8^)

>Bob KD1GG

End of Info-Hams Digest V93 #640
